

347—73.17(89A) Existing sidewalk elevators.

73.17(1) Hoistways shall be permanently enclosed. The enclosures shall conform to ANSI A17.1, 1971, rule 401.1.

73.17(2) All interior landings shall have a door or gate which shall be provided with an interlock.

73.17(3) Doors opening in sidewalks or other areas exterior to the building shall be of the hinged type. Doors or covers shall be designed to hold a static load of 300 pounds per square foot. Doors shall always be closed unless elevator is at the landing.

73.17(4) Stops shall be provided to prevent the cover in the opening of the sidewalk from opening more than 90 degrees from its closed position.

73.17(5) Covers in sidewalk shall be designed to close when the car descends from the top landing.

73.17(6) Recesses or guides which will securely hold the cover in place on the car stanchions shall be provided on the under side of the cover.

73.17(7) All electrical wiring shall be enclosed in metal conduit, flexible conduit or metal raceways. If hoistway opens in the sidewalk, the wiring shall be weatherproof.

73.17(8) Operating devices and control equipment shall comply with ANSI A17.1, 1971, rule 402.4.

73.17(9) All electric sidewalk elevators shall have upper and lower final limit switches. Open-type switches shall not be allowed.

73.17(10) Cars shall have enclosures which shall be not less than 6 feet in height provided the stanchions and bow iron are of sufficient height. The enclosure shall be provided with electric contacts to prevent the car from running with doors or gates open.

73.17(11) Cars shall have safeties. Where the speed of the elevator does not exceed 50 FPM, car safeties which operate as a result of breaking or slackening of the hoisting ropes may be used. Such safeties may be of the inertia type or approved type without governors. Governors shall not be required when car speed does not exceed 50 FPM.

73.17(12) Car enclosures and car gates shall not be required for hand-powered sidewalk elevators.

73.17(13) All repair and alterations shall comply with ANSI A17.1, 1971, section 1200.